

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Serial No.: Divisional of 10/012,756

Art Unit: Not Yet Assigned

Filed: June 27, 2003

Examiner: Not Yet Assigned

For: *DIAGNOSTICS AND THERAPY OF EPSTEIN-BARR VIRUS IN AUTOIMMUNE DISORDERS*

Commissioner for Patents  
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**INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicants submit an Information Disclosure Statement, including twenty-three (23) pages of Form PTO-1449. All of the documents cited below were cited by or submitted to the Patent Office in Application Serial No. 10/012,756, filed October 24, 2001, to which the present application claims priority. Pursuant to 37 C.F.R. §1.98(d), Applicants are not enclosing copies of these publications. Copies will be provided upon request, however.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) prior to a first Office Action on the merits. It is believed that no fee is required with this submission. However, should a fee be required, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 50-1868.

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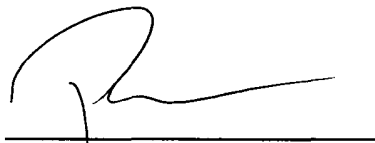
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### Remarks

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invite the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicants are of the opinion that their claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,



Patrea/L. Pabst  
Reg. No. 31,284

Dated: June 27, 2003

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		Filing Date	June 27, 2003
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		4,554,101		Hopp	11-19-1985	
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		EP	0 113 431		Yeshiva University	07-18-1984		
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		PCT	WO 86/01210		Scripps Clinic Res.	02-27-1986		
		PCT	WO 88/09932		Amrad Corporation Ltd.	06-03-1988		
		PCT	WO 91/11718		Board of Regents of the University of Oklahoma	08-08-1991		
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		BLANK, et al., "Sex Hormone Involvement in the Induction of Experimental Systemic Lupus Erythematosus by a Pathogenic anti-DNA Idiotypic in Naive Mice," <i>J. Rheumatol.</i> 17:311-317 (1990).	
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		Filling Date	June 27, 2003
		First Named Inventor	John B. Harley
		Group Art Unit	
		Examiner Name	
Sheet 6 of 23	Attorney Docket Number	OMRF 161 DIV (2)	

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		CRONE, et al., "Viral Transcription is Necessary and Sufficient for Vesicular Stomatitis Virus to Inhibit Maturation of Small Nuclear Ribonucleoproteins," <i>Journal of Virology</i> 63(10):4172-4180 (1989).	
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		ESQUIVEL, et al., "Induction of Autoimmunity in Good and Poor Responder Mice with Mouse Thyroglobulin and Lipopolysaccharide," <i>J. Exp. Med.</i> 145:1250-1263 (1977).	
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		FOX, et al., "Potential Role of Epstein-Barr Virus in Sjogren's Syndrome and Rheumatoid Arthritis," <i>J. Rheumatol.</i> 19:18-24 (1992).	
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		Divisional of 10/012,756	
		Filing Date	
		June 27, 2003	
		First Named Inventor	
John B. Harley			
Group Art Unit			
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Sheet	9	of	23
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		GRABOWSKI, et al., "Drosophila AP3, a Presumptive DNA Repair Protein, is Homologous to Human Ribosomal Associated Protein PO," <i>Nucleic Acids Research</i> 19(15):4297 (1991).	
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		HARLEY & GAITHER, "Autoantibodies" <i>Rheum. Dis. Clin. N. Amer.</i> 14:43-56 (1992).	
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		HARLEY, et al., "Gene Interaction at HLA-DQ Enhances Autoantibody Production in Primary Sjogren's Syndrome," <i>Science</i> 232:1145-1147 (1986).	

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		Filing Date	June 27, 2003
		First Named Inventor	John B. Harley
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		HARLEY, et al., "Anti-Ro (SS-A) and Anti-La (SS-B) in Patients with Sjogren's Syndrome," <i>Arthritis Rheum.</i> 29:196-206 (1986).	
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		First Named Inventor	John B. Harley
		Group Art Unit	
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		KURILLA, et al., "The Leader RNA of Vesicular Stomatitis Virus is Bound by a Cellular Protein Reactive with Anti-La Lupus Antibodies," <i>Cell</i> 34:837-845 (1983).	
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		LEVITSKAYA, "Inhibition of Antigen Processing by the Internal Repeat Region of the Epstein-Barr Virus Nuclear Antigen-1," <i>Nature</i> 375:685-688 (1995).	
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		MENDLOVIC, et al., "The Role of Anti-Idiotypic Antibodies in the Induction of Experimental Systemic Lupus Erythematosus in Mice," <i>Eur. J. Immunol.</i> 19:729-732 (1989).	
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		NEWELL & STEVENS, "E.B. Virus Antibody in Systemic Lupus Erythematosus," <i>Lancet</i> 1:652 (1971).	

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		NEWKIRK, et al., "Detection of Cytomegalovirus, Epstein-Barr Virus and Herpes Virus-6 in Patients with Rheumatoid Arthritis With or Without Sjogren's Syndrome," <i>Br. J. Rheum.</i> 33:317-322 (1994).	
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		PETTERSSON, et al., "The Structure of Mammalian Small Nuclear Ribonucleoproteins," <i>J. Biol. Chem.</i> 259:5907-5914 (1984).	
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		QUALTIERE & PEARSON, "Radioimmune Precipitation Study Comparing the Epstein-Barr Virus Membrane Antigens Expressed on P3HR-1 Virus-Superinfected Raji Cells to those Expressed on Cells in a B-95 Virus-Transformed Produced Culture Activated with Tumor-Promoting Agent (TPA)," <i>Virology</i> 102:360-369 (1980).	
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		SCHMAUSS, et al., "A Comparison of snRNP-Associated Sm-Autoantigens: Human N, Rat N and Human B/B (abstract)," <i>Nuc. Acid Res.</i> 17:1733-43 (1989).	
		SCOFIELD, "A Common Autoepitope Near the carboxyl Terminus of the 60-kD Ro Ribonucleoprotein: Sequence Similarity with a Viral Protein," <i>Journal of Clinical Immunology</i> 11(6):378-388 (1991).	
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		SCOFIELD, "HLA-B27 Binding of Peptide From Its Own Sequence and Similar Peptides From Bacteria: Implications For Spondyloarthropathies," <i>Lancet</i> , 345:1542-1544 (1995).	
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		<b>Filing Date</b>	<b>June 27, 2003</b>		
		<b>First Named Inventor</b>	<b>John B. Harley</b>		
		<b>Group Art Unit</b>			
		<b>Examiner Name</b>			
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		SILLIKENS, et al., "Human U1 snRNP-specific C Protein: Complete cDNA and Protein Sequence and Identification of a Multigene Family in Mammals," <i>Nucleic Acids Res.</i> 16:8307-21 (1988).	
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		VANDENBARK, et al., "Effects of vaccination with T cell receptor peptides: Epitope switching to a possible disease-protective determinant of myelin basic protein that is cross-reactive with a TCR BV peptide," <i>Immunology and Cell Biology</i> 76:83-90 (1998).	
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		WHITTINGHAM, et al., "Epstein-Barr Virus as an Etiological Agent in Primary Sjogren's Syndrome," <i>Med. Hypothesis</i> , 22:373-386 (1987).	
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